

Application/Control Number : 10/600,428
Art Unit: 1713
May 12, 2006
Page 2

Claim Amendments:

Cancel claim 14, rewrite claims 11 and 15, and add the new claims 18-22, as follows:

1-10. (cancelled).

11. (currently amended) A vulcanizable rubber made with a mix combined with at least one reinforcing filler and at least one vulcanization accelerator, said mix comprising a compound containing at least one vulcanizable nitrile-based rubber and at least one hydroxyl acrylic resin.

12. (previously presented) The vulcanizable rubber of claim 11, comprising a vulcanizable nitrile rubber (NBR) of the medium-high nitrile type.

13. (previously presented) The vulcanizable rubber of claim 11, comprising, as a nitrile rubber, a butadiene-acrylonitrile copolymer commonly known as NBR.

14. (cancelled).

15. (currently amended) The vulcanizable rubber of claim ~~14~~ 11, wherein the hydroxyl of said hydroxyl acrylic resin is less than 2.

16. (previously presented) The vulcanizable rubber of claim 15, wherein said resin is provided in a naphtha solvent.

Application/Control Number : 10/600,428
Art Unit: 1713
May 12, 2006
Page 3

17. (previously presented) The vulcanizable rubber of claim 11 comprised in a shoe tread sole coupled to a polyurethane shoe mid-sole.

18. (new) The vulcanizable rubber of claim 15, wherein said hydroxyl acrylic resin is in a solvent and has a weight that does not exceed 6% of an overall weight of said mix.

19. (new) The vulcanizable rubber of claim 18, wherein said reinforcing filler is an amorphous silica.

20. (new) The vulcanizable rubber of claim 19, wherein said reinforcing filler has a weight that is between 20% and 25% of an overall weight of said mix.

21. (new) The vulcanizable rubber of claim 20, wherein said vulcanization accelerator is of a mercaptan class.

22. (new) The vulcanizable rubber of claim 21, wherein said vulcanization accelerator has a weight that is between 1% and 1.5% of an overall weight of said mix.